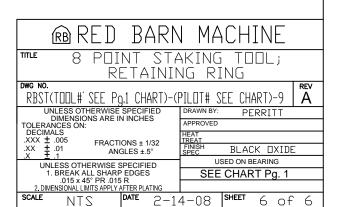


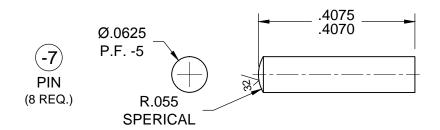
1.	SURFACE FINISH UNLESS
	OTHER WISE SPECIFIED.

PILOT No.	ØD ₁₀ 003 001	ØD ₁₁ 004 002	MATERIAL
-5001	.1635	.1635	4140 Q&T Ø1/4 x 3-1/2
-5002	.1885	.1885	4140 Q&T Ø1/4 x 3-1/2
-5003	.1885	.2490	4140 Q&T Ø1/4 x 3-1/2
-5004	.1885	.3110	4140 Q&T Ø3/8 x 3-1/2
-5005	.2490	.2490	4140 Q&T Ø1/4 x 3-1/2
-5006	.2490	.3110	4140 Q&T Ø3/8 x 3-1/2
-5007	.2490	.3740	4140 Q&T Ø3/8 x 3-1/2
-5008	.2490	.4365	4140 Q&T Ø1/2 x 3-1/2
-5009	.2490	.4990	4140 Q&T Ø1/2 x 3-1/2
-5010	.3740	.3740	4140 Q&T Ø3/8 x 3-1/2
-5011	.3740	.4365	4140 Q&T Ø1/2 x 3-1/2
-5012	.3740	.4990	4140 Q&T Ø1/2 x 3-1/2
-5013	.3740	.5615	4140 Q&T Ø5/8 x 3-1/2
-5014	.3740	.6240	4140 Q&T Ø5/8 x 3-1/2
-5015	.3740	.8740	4140 Q&T Ø7/8 x 3-1/2
-5016	.2490	.6240	4140 Q&T Ø5/8 x 3-1/2
-5017	.3740	.7490	4140 Q&T Ø3/4 x 3-1/2
-5018	.4990	.4990	4140 Q&T Ø1/2 x 3-1/2
-5019	.4990	.5615	4140 Q&T Ø5/8 x 3-1/2
-5020	.4990	.6240	4140 Q&T Ø5/8 x 3-1/2
-5021	.4990	.7490	4140 Q&T Ø3/4 x 3-1/2

PILOT No.	ØD ₁₀ 003 001	ØD ₁₁ 004 002	MA	ATERIAL
-5022	.4990	.7864	4140 Q&T	Ø7/8 x 3-1/2
-5023	.4990	.8740	4140 Q&T	Ø7/8 x 3-1/2
-5024	.4990	.9990	4140 Q&T	Ø1 x 3-1/2
-5025	.4990	1.1801	4140 Q&T	Ø1-1/4 x 3-1/2
-5026	.4990	1.0615	4140 Q&T	Ø1-1/8 x 3-1/2
-5027	.2490	.8740	4140 Q&T	Ø7/8 x 3-1/2
-5028	.4990	1.2490	4140 Q&T	Ø1-1/4 x 3-1/2
-5029	.4990	1.3120	4140 Q&T	Ø1-3/8 x 3-1/2
-5030	.4990	1.4370	4140 Q&T	Ø1-1/2 x 3-1/2
-5031	.4990	1.4990	4140 Q&T	Ø1-1/2 x 3-1/2
-5032	.4990	2.0615	4140 Q&T	Ø2-1/8 x 3-1/2
-5033	.4990	2.3115	4140 Q&T	Ø2-3/8 x 3-1/2
-5034	.4990	2.4990	4140 Q&T	Ø2-1/2 x 3-1/2
-5035	.4990	2.7490	4140 Q&T	Ø2-3/4 x 3-1/2
-5036	.4990	1.5615	4140 Q&T	Ø1-5/8 x 3-1/2
-5037	.4990	1.8120	4140 Q&T	Ø1-7/8 x 3-1/2
-5038	.2490	.7490	4140 Q&T	Ø3/4 x 3-1/2
-5039	.4990	1.7490	4140 Q&T	Ø1-3/4 x 3-1/2
-5040	.4990	1.8740	4140 Q&T	Ø1-7/8 x 3-1/2
-5041	.1240	.1240	4140 Q&T	Ø1/4 x 3-1/2
-5042	.2490	.4990	4140 Q&T	Ø1/2 x 3-1/2

PILOT No.	ØD ₁₀ 003 001	ØD ₁₁ 004 002	MATERIAL
-5043	.2490	.4830	4140 Q&T Ø1/2 x 3-1/2
-5044	.3740	.8740	4140 Q&T Ø7/8 x 3-1/2
-5045	.4990	1.4240	4140 Q&T Ø1-1/2 x 3-1/2
-5046	.4990	1.5940	4140 Q&T Ø1-5/8 x 3-1/2
-5047	.4990	2.0990	4140 Q&T Ø2-1/8 x 3-1/2
-5048	.1240	.2490	4140 Q&T Ø1/4 x 3-1/2
-5049	.1885	.3115	4140 Q&T Ø3/8 x 3-1/2
-5050	.1885	.3740	4140 Q&T Ø3/8 x 3-1/2
-5051	.1885	.4210	4140 Q&T Ø1/2 x 3-1/2
-5052	.1885	.4310	4140 Q&T Ø1/2 x 3-1/2
-5053	.1885	.4365	4140 Q&T Ø1/2 x 3-1/2
-5054	.1885	.4990	4140 Q&T Ø1/2 x 3-1/2
-5055	.2490	.6840	4140 Q&T Ø3/4 x 3-1/2
-5056	.2490	.8040	4140 Q&T Ø7/8 x 3-1/2
-5057	.4990	1.3730	4140 Q&T Ø1-3/8 x 3-1/2
-5058	.8740	.8740	4140 Q&T Ø7/8 x 3-1/2
-5059	.2490	.3140	4140 Q&T Ø3/8 x 3-1/2
-5060	.1885	.2352	4140 Q&T Ø1/4 x 3-1/2
-5061	.1885	.1958	4140 Q&T Ø1/4 x 3-1/2
-5062	.4990	1.4365	4140 Q&T Ø1-1/2 x 3-1/2
-5063	.6240	1.0628	4140 Q&T Ø1-1/8 x 3-1/2

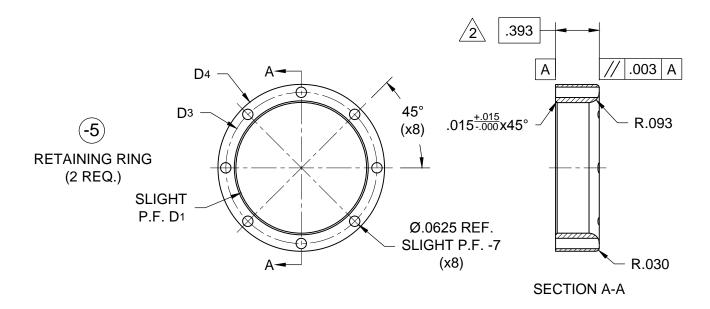




<u>NOTES</u>

- 1. SAME PINS FOR ALL TOOL NUMBERS.
- 2. BREAK ALL SHARP EDGES.

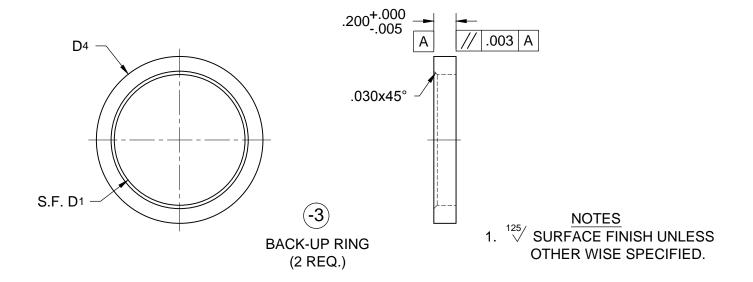
								® RED BARN MACHINE
ASS' QT'	ASSY QTY	B/O	PART#	UNIT QTY	DESCRIPTION	MAT.	B/O INFORMATION OR SPECIFICATIONS	- 8 POINT STAKING TOOL; PIN
		W/O	-7	8	PINS	STEEL	Ø.0625 MINUS GAUGE PIN MSC #8900625	DWG NO.
								RBST(TOOL# SEE Pg.1 CHART)-(PILOT# SEE Pg.1 CHART)-7 A
								UNLESS OTHERWISE SPECIFIED DRAWN BY: PERRITT DIMENSIONS ARE IN INCHES
								TOLERANCES ON: DECIMALS APPROVED HEAT
								.XXX ± .005 FRACTIONS ± 1/32 TREATXX ± .01 ANGLES ±.5° FINSHX ± .01 ANGLES ±.5° FPEC
								UNLESS OTHERWISE SPECIFIED USED ON BEARING
								1. BREAK ALL SHARP EDGES SEE CHART Pg. 1
	<u> </u>							2. DIMENSIONAL LIMITS APPLY AFTER PLATING
	ASSY #							SCALE NTS DATE 2-14-08 SHEET 5 of 6



1. VOTES
1. VOTES
SURFACE FINISH UNLESS
OTHER WISE SPECIFIED.
2. -5 HEIGHT IS .013 TO .014 LESS
THAN -7 LENGTH.

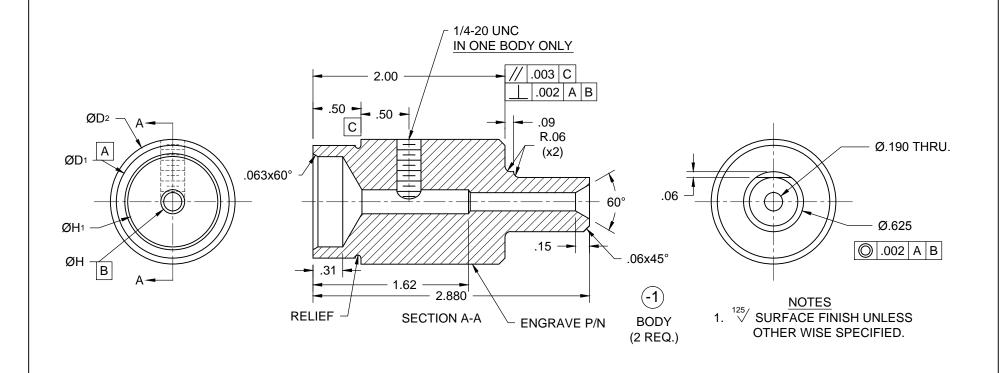
TOOL#	PILOT No.	BEA OD.	RING ID.	ØD ₁ +.0003 0008	ØD ₃ +.005 005	ØD ₄ +.015 000	MATERIAL		ATERIAL
1312-055-8-GT	-5015	1.3125	.8750	1.2360	1.382	1.562	4140	Q&T	Ø1-5/8 x 1/2

® RED	BARN	I MA	CH.	[NE					
TILE 8 POINT STAKING TOOL;									
	TAININ			ŕ					
DWG NO.									
RBST(TOOL# SEE CHART)-(PILOT# SEE CHART)-5									
UNLESS OTHERWISE SP		DRAWN BY:	PE	RRITT					
DIMENSIONS ARE IN IN TOLERANCES ON:	NCHES	APPROVED							
DECIMALS .XXX ± .005 FRACTION	IS + 1/32	HEAT TREAT							
.XX ± .01 ANGLE		FINISH SPEC	BLAC	K 🗆 XIDE	-				
UNLESS OTHERWISE SPE	CIFIED	US	ED ON BE	ARING					
1. BREAK ALL SHARP EI .015 x 45° PR .015 R		SEE CHART Pg. 1							
2. DIMENSIONAL LIMITS APPLY AFTE	ER PLATING								
SCALE NTS DA	TE 2-1	4-08	SHEET	4 of	6				



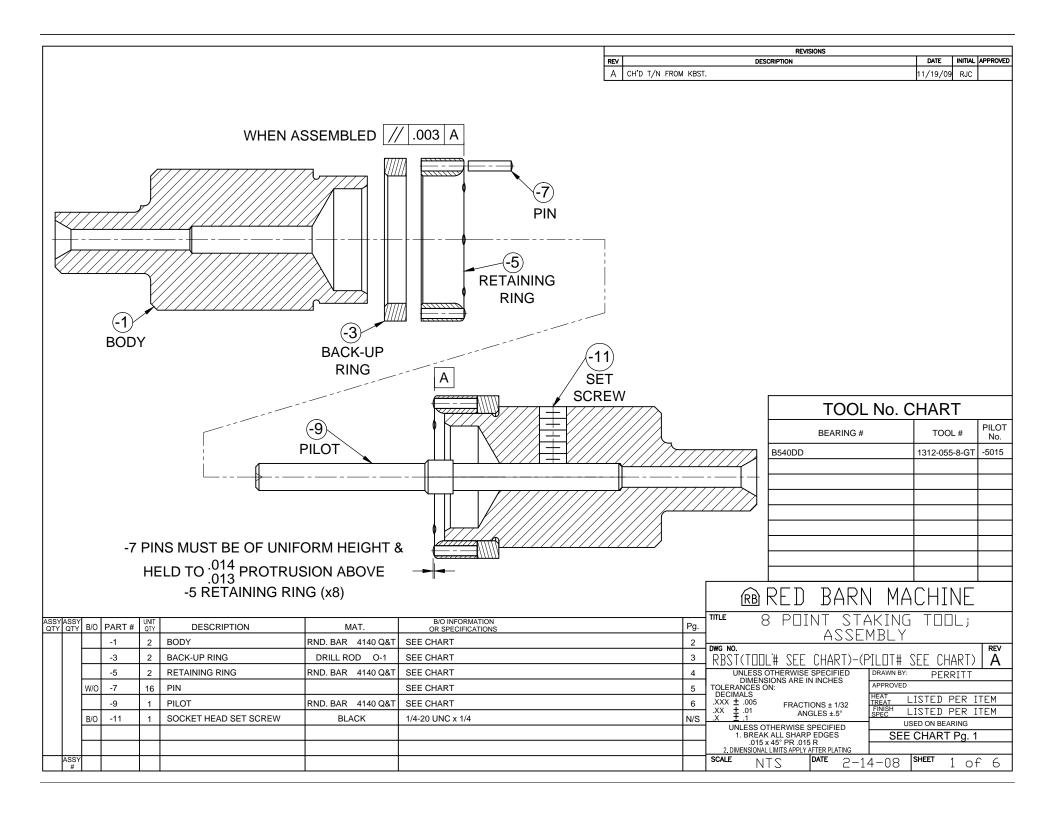
TOOL#	PILOT		BEARING		ØD ₄ +.015	MATERIAL		
"	No.	OD.	ID.	+.0003	000		WATER	
1312-055-8-GT	-5015	1.3125	.8750	1.2360	1.562	0-1	DRILL ROD	Ø1-5/8 x 3/8

	RB R	ED	В	ARN	1 1	44	СН	INE	-	
TITLE	8	РПІ	NT	STA	4KT	NG	ТГ	ПП : :		
8 POINT STAKING TOOL; Back-up ring										
DWG NO									П	REV
RBS	#JOOT)T	SEE	CHAR	T)-(P]	<u>:0</u> T#	SE	E CHA	RT)-3		Α
l	JNLESS OTI				DRAW	N BY:	PE	RRITT		
	DIMENSIO ANCES ON:	NS ARE IN	INCH	=8	APPROVED					
DECIN .XXX		ED A OTI	0110	4/00	HEAT TREAT		RC	. 60-6	3	
	± .01 + 1	FRACTI ANO	ONS ± SLES ±.		FINISH SPEC		BLAC	K 🗆XI	DE	
		EDW/ISE S	DECIE	ED		US	SED ON B	EARING		
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R					SEE CHART Pg. 1					
2. DI	.015 x 4: MENSIONAL LIN				,					
SCALE	NT:	S	DATE	2-1-	4-0	8	SHEET	3 c) f	6



TOOL#	PILOT No.	BEA OD.	RING ID.	ØD ₁ +.0003 0008	ØD ₂	ØH +.002 000	ØH₁		MA	ATERIAL
1312-055-8-GT	-5015	1.3125	.8750	1.2360	1.47	.375	-	4140	Q&T	Ø1-1/2 x 3

	RB R	ED	В	4RN	1	МΔ	СН	INE	-	
TITLE	8	POI	NT	STA	4K.	ING	TE		i	
				$B\square$,	
DWG NO										REV
RBS	T(TDDL'#	\$ SEE	CHAR	T)-(PI	ĿOT	# SE	E CHA	4RT)-	1	Ā
l	JNLESS OTI				DRA	WN BY:	PE	ERRIT	T	
	DIMENSIO ANCES ON:		N INCHE	S	APPROVED					
DECIN .XXX		FRACTI	ONS + 1	1/32	HEAT TREA	J.				
.XX	. .01 F .1		SLES ±.		FINIS	SH	BLAC	CK DX	IDE	
	L . I NLESS OTH	ERWISE S	PECIFI	ED		US	SED ON E	BEARING	i	
1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R					SEE CHART Pg. 1					
2. DII	.015 x 49 MENSIONAL LIN			ATING						
SCALE	NT:	2	DATE	2-1	4-1	ງ8	SHEET	ک	of	6



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	REVISIONS								
REV	DESCRIPTION	DATE	INITIAL	APPROVED					
_		-	-	-					

NOT APPROVED FOR PRODUCTION ® RED BARN MACHINE

ASSY QTY	ASSY QTY	B/O	PART#	UNIT QTY	DESCRIPTION	MAT.	B/O INFORMATION OR SPECIFICATIONS	Pg.	**************************************	L
			-1	1	RND	6061	Ø8-1/4 x 3-7/8	2	DWG NO.	REV
									— —	KEV
									UNLESS OTHERWISE SPECIFIED DRAWN BY: PERRITT	-
									DIMENSIONS ARE IN INCHES TOLERANCES ON: APPROVED	
									DECIMALS XXX ± .005	
								1	UNLESS OTHERWISE SPECIFIED USED ON MODEL	
									1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R	
									2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
	ASSY #								SCALE NTS DATE $8-15-07$ SHEET 1 0	f 1

	REVISIONS			
RE\	DESCRIPTION	DATE	INITIAL	APPROVED
_		-	-	_

RED BARN MACHINE

WOT APPROVED FOR PRODUCTION

										N MINCHINE	
ASSY A	ASSY QTY	B/O P	ART#	QTY	DESCRIPTION	MAT.	B/O INFORMATION OR SPECIFICATIONS	Pg.	— TITLE — ·	_	
			·1	1	RND	6061	Ø8-1/4 x 3-7/8	2			
									DWG NO.	_	REV
									UNLESS OTHERWISE SPECIFIED	DRAWN BY: PERRITT	
									DIMENSIONS ARE IN INCHES TOLERANCES ON:	APPROVED	
									DECIMALS .XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT	
									1.XX ± .01 ANGLES ±.5°	FINISH SPEC	
		-							UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES	USED ON MODEL	
	ŀ								.015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
A	ASSY #									15-07 SHEET 1 of	1

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	REVISIONS			
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1		_	-	-

® RED BARN MACHINE

TOOL # 1093-8-GT 1125-8-GT	PILOT No. -5013 -5012
	-5012
1125-8-GT	
1125-8-GT	
	I
	-5012
1187-8-GT	-5013
1107-0-01	-5014
	-5017
	-5005
1250-8-GT	-5006
	-5016
	-5011
1312-8-GT	-5014
	-5015
1275 0 CT	-5014
1375-6-61	-5017
	$oldsymbol{\bot}$
	1
	1

APPROVED FOR PRODUCTION

APPROVED FOR PRODUCTION

ASSY A QTY (SSY QTY	B/O	PART#	UNIT QTY	DESCRIPTION	MAT.	B/O INFORMATION OR SPECIFICATIONS	Pg.	**** 8 POINT STAKING TOOL;
			-1	1	RND	6061	Ø8-1/4 x 3-7/8	2	ASSEMBLY DWG NO. REV
									KBST(TOOL'# SEE CHART)-(PILOT# SEE CHART)
	L								UNLESS OTHERWISE SPECIFIED DRAWN BY: PERRITT DIMENSIONS ARE IN INCHES
									TOLERANCES ON: APPROVED
	Ī								DECIMALS .XXX ± .005 FRACTIONS ± 1/32 TREAT .XX + .01 FINISH
	ı								.XX ± .01 ANGLES ±.5° SPEC
	ŀ			-					UNLESS OTHERWISE SPECIFIED USED ON BEARING
	L								1. BREAK ALL SHARP EDGES SFF CHART Pg. 1
									.015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING
Α	SSY #								SCALE NTS DATE 2-6-08 SHEET 1 of 6